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(formerly ETP-10752/22)

2. The cell of claim 1, wherein said cell is part of an assay system further comprising:
an indicator cell, said ~~indicator~~ indicator cell comprising expressed CCR5, CXCR4, and CD4, and a
marker gene, said marker gene responsive to the presence of virus.
3. The cell or assay system of claim 1 or 2 wherein said virus is primary HIV and
wherein said amplicon is Tat.
4. The assay system of claim 2 wherein said marker gene is selected from the group of
marker genes consisting of β -galactosidase, luciferase, fluorescent protein, and antibiotic resistance.
5. The cell or assay system of claim 1 or 2 wherein said expressible nucleic acid
sequence encoding said amplicon is driven by a promoter selected from the group of promoters
consisting of constitutive and inducible promoters.
6. The cell or assay system of claim 5 wherein said promoter is selected from the group
of promoters consisting of CMV and Tet.
7. The cell or assay system of claim 1 or 2 wherein said cell is infected with said virus
and cultured in the presence of an antiviral drug to detect virus susceptibility to said drug.
8. An assay system comprising the cell of claim 1 or 2 wherein virus produced in said
cell is subsequently detected using an antibody.
9. The assay system of claim 8 wherein said antibody is used in an ELISA assay.

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10. A method of propagating a virus comprising:
providing a cell with a virus to be isolated, wherein said cell expresses an amplicon for amplifying said virus; and
amplifying said virus in said cell using said amplicon.
11. The method of claim 10 further comprising
detecting said amplified virus using one or more of an antibody assay or an indicator cell, said indicator cell infectable with said amplified virus and comprising a marker gene responsive to the presence of said virus to thereby enable detection of said virus.
12. The method of claim 10 or 11 wherein said cells for amplifying said virus and detecting said virus each express CCR5, CXCR4, and CD4.
13. The method of claim 12 wherein said virus is a drug-resistant virus and wherein said amplifying is conducted in the presence of a drug to which said virus is resistant.
14. The method of claim 13 wherein said virus is a primary HIV virus and wherein said amplicon is Tat.
15. The method of claim 13 wherein said marker gene encodes a member selected from the group consisting of: luciferase, β -galactosidase, green fluorescent protein and antibiotic resistance.
16. A method of propagating primary HIV comprising:
infecting a cell with primary HIV, said cell comprising expressed CCR5, CXCR4, and CD4, wherein said cell has an infectivity by primary HIV greater than that of peripheral blood mononuclear cells.